

EXAMINER		Kenneth J. Ra Primary Exar	msey	DATE CONSIDERED	2/2000							
inh	1	C. A. Mead, "Operation of Tunnel-Emission Devices," J. Appl. Phys., V. 32, 646-652 (April 1961)										
KIN	1	Cones," J. Ap	C. A. Spindt, "Physical Properties of Thin-Film Field Emission Cathodes with Molybdenum Cones," J. Appl. Phys., V. 47, 5248-5263 (Dec. 1976)									
KJA		Physics, 89-1	W. P. Dyke and W. W. Dolan, "Field Emission," Advances in Electronics and Elec									
	_1	_		OTHER DOCUMENTS		3 5	3 8					
ligh		06 012997	21 JAN 94	JAPAN		2800	Abstract					
1/1/1	-	64-19658	23 JAN 89	JAPAN		75	Abstract					
<u> </u>		0 717 428	19 JUN 96	EUROPE			English					
<u> </u>	<del>   </del>	2 257552	18 OCT 90	JAPAN			Abstract					
_^ "!  { h		1 283749	15 NOV 89	JAPAN			Abstract					
KIN		NUMBER 64-31332	01 FEB 89	JAPAN			Abstract					
		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT					
	<u>.                                    </u>		FORE	IGN PATENT DOCUMENTS		<del></del>						
KIN	1	5,674,100	7 OCT 97	ONO, et al.	445	24						
KIN	1	5,066,883	19 NOV 91	YOSHIOKA, et al.	313	309						
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE					
			U.S	. PATENT DOCUMENTS								
• Submitted: July 26, 1999				FILING DATE February 16, 1999		2875						
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				MASATAKA YAMASHITA, ET AL.  GROUP								
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				35.C13319		09/250,400						
RM PTO 1449 (m				ATTY DOCKET NO.	RAUPAPPLICATION NO							

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO 1449 (m	nodified)			ATTY DOCKET NO. APPLICATION NO.								
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				35.C13319 09/250,400		o						
•	OF REFER	RENCES CITED BY APPLI	CANT(S)	APPLICANT:  MASATAKA YAMASHITA, ET AL.								
(Use several sheets if necessary) Submitted: July 26, 1999				FILING DATE	GROUP							
	Cub			February 16, 1999		2875						
U.S. PATENT DOCUMENTS												
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE					
			FORE	IGN PATENT DOCUMENTS	٠,	15						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB <b>O</b> ASS C	TRANSLATION YES/NO/ OF ABSTRACT					
		NOWBER				MAIL	INE					
						R00M						
						3						
	OTHER DOCUMENTS											
KIN	M. I. Elinson et al., "The Emission of Hot Electrons and the Field Emission of Electrons from Tin Oxide," Radio Eng. & Electron Phys., V. 10, 1290-1296 (July 1965)											
KIN	1	G. Dittmer, "Electrical Conduction and Electron Emission of Discontinuous Thin Film," Thin Solid Films, 9, 317-328 (1972)										
KIN	1	M. Hartwell and C. G. Fonstad, "Strong Electron Emission from Patterned Tin-Indium Oxide Thin Films," IEEE Trans. ED Conf. (IEDM), 519-521 (1975)										
XIN	/	Hisashi Araki et al., "Electroforming and Electron Emission of Carbon Thin Films," Shinku (Vacuum), Vol. 26, No. 1, pp. 22-29 (1983), (with English Abstract)										
EXAMINER		Kenneth J. Ran Primary Exam	nsey	DATE CONSIDERED 2/2000								

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.